



AMACR Monoclonal Antibody

Product Code	CSB-MA067528
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Raised In	Mouse
Species Reactivity	Human
Specificity	AMACR/P504S Mouse Monoclonal antibody detects endogenous AMCAR/P504S proteins.
Tested Applications	ELISA, WB, IHC; Recommended dilution: WB: 1:500-1:5000, IHC: 1:50-1:500
Relevance	AMACR has been recently described as prostate cancer-specific gene that encodes a protein involved in the beta-oxidation of branched chain fatty acids. Expression of AMACR protein is found in prostatic adenocarcinoma but not in benign prostatic tissue. It stains premalignant lesions of prostate: high-grade prostatic intraepithelial neoplasia (PIN) and atypical adenomatous hyperplasia.
Form	Mouse IgG1 in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	Antigen Affinity Purified
Clonality	Monoclonal
Alias	2-methylacyl-CoA racemase; Alpha-methylacyl-CoA racemase; AMACR; CBAS4; RACE
Product Type	Monoclonal Antibody
Immunogen Species	Homo sapiens (Human)